

ABSTRACT

Disclosed are aluminum alloy hollow materials and processes for producing the same wherein an aluminum alloy
5 hollow material is produced by subjecting an ingot of an aluminum alloy containing 0.3~1.5 wt% Mn to port hole extrusion or port hole extrusion and drawing-elongation processing and wherein a difference in electric conductivity between individual portions in lengthwise
10 direction of the hollow material is not more than 1.0 IACS%. According to the aluminum alloy hollow materials, preferential corrosion in welding portions in port hole extrusion can be prevented.